

Virginia Division of Consolidated Laboratory Services- Richmond, VA

HARDNESS BY CALCULATION SM 18th, 19th, 20th ED 2340 B						Page 1 of 1
Facility Name: _____ VELAP ID _____						
Assessor Name: _____ Analyst Name: _____ Inspection Date _____						
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments	
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____						
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____						
Was hardness calculated by adding separate determinations of Calcium and Magnesium? $=2.497[\text{mg Ca/L}] + 4.118[\text{mg Mg/L}]$	2340 B 1,2					
Were MS analyzed at least one per batch or 5% of samples?	2020 Quality Control					
Were samples analyzed in duplicate at rates of at least one per batch or 10% of samples?	2020 Quality Control					
Notes/Comments:						